

Date: Fri, 8 Oct 93 23:38:08 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V93 #1198
To: Info-Hams

Info-Hams Digest Fri, 8 Oct 93 Volume 93 : Issue 1198

Today's Topics:

 !!!Ham Questions for English!!!
** FLEA at MIT ** Sunday October 17th Cambridge MA
 Alinco DJ-180? Comments?
 Gophers and telnet sites?
 I LOVE CW!!!!
 Motorola ad in QST?
New Products Announcement: BFH-1 & BFH-2
 re: MOTOROLA
 RS SWR meters?
Selling License Info (2 msgs)
 Silly boy!
Yaesu FT-2200 mods needed

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Oct 93 12:35:21 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: !!!Ham Questions for English!!!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, gumaer@merlin.etsu.edu (Mark W. Gumaer) writes:

>Hi all,
>
> My girlfriend is trying to get a research paper on ham radio. If
> you could e-Mail her at butler@merlin.etsu.edu or myself, we would

> really appreciate it. The question are:
 >
 > What do you think about the no-code Tech?
 > Why are people interested in DXing?
 > What is better for DXing, code or voice? Why?
 > What is good about VHF AND UHF? How do repeaters work
 > and why are they used?
 > What is the difference between HF & U/VHF?
 >
 > I have answered her questions, but she needs more people to
 > interview. If you could mail your responses before next
 > Tuesday (12th). We would greatly appreciate it.

Mark,

Looks to me as though she's going to receive a lot of redundant replies.
 At least the last two questions are pretty objective, and could be answered
 by pawing through the latest ARRL Operating Manual.

GL, OM!

CUL es 73 de BB

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"
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor     I Fax       203-665-7531          I  do it with high
ARRL HQ                 I Internet  bbattles@arrl.org      I  frequency"
Newington, CT USA      I Amprnet   ws1o@ws1o.ampr.org [44.88.0.87]
"

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COMMENTS EXPRESSED HEREIN ARE MY OWN PERSONAL REMARKS AND ARE NOT TO BE
 CONSIDERED OFFICIAL ARRL VIEWS OR POLICY..

 Date: 9 Oct 1993 05:06:15 GMT
 From: w1gsl@athena.mit.edu
 Subject: ** FLEA at MIT ** Sunday October 17th Cambridge MA
 To: info-hams@ucsd.edu

The Last one this year...

Now TWICE the number of outdoor Tailgate spaces are available...

***** \$1 buyers discount with hardcopy of this notice *****

COMPUTERS - ELECTRONICS - HAM RADIO - COMPUTERS - ELECTRONICS

FLEA all SUMMER at MIT
October 17th, 1993
9AM-2PM

Come to the city for a great flea - plenty of free parking.

MIT's electronics and ham radio flea will take place on the third Sunday of each month this summer, April thru October.

There is tailgate space for over 600 sellers and free, off-street parking for >1000 cars!

Buyers admission is \$2 (you get \$1 off if you're lucky enough to have a copy of our ad) and sellers spaces are \$10.00-each at the gate.

The flea will be held at the corner of Albany and Main streets in Cambridge; right in the Kendall Square area from 9AM to 2PM, with sellers set-up time starting at 7AM.

!! RAIN or SHINE !! Have no fear of rain, a covered tailgate area is available for all sellers (6'8" clearance).

Talk-in: 146.52 and W1XM/R-449.725/444.725 (PL 114.8/2A).

Sponsors: MIT Electronics Research Society
MIT UHF Repeater Association (W1XM)
MIT Radio Society (W1MX)
Harvard Wireless Club (W1AF)

For more info / advanced reservations 617 253 3776

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Steve Finberg W1GSL w1gsl@athena.mit.edu
PO Box 82 MIT Br Cambridge MA 02139 617 258 3754

Date: Fri, 08 Oct 1993 09:12:32 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: Alinco DJ-180? Comments?

To: info-hams@ucsd.edu

In article <h1b.749831365@loral>, h1b@li.loral.com (h1b) wrote:

>

> DJ-180 as a starter rig.

I bought my DJ-180T about 3 months ago and really like it. It has good audio, easily memorized controls, and sufficient features to make it useful for my purposes. Indeed, I plan to keep it as my primary HT, not just a starter rig. Two of my sons have passed the no-code tech, and I plan to give them each a DJ-180T for Christmas (either that or I will never be able to find mine when I need it).

The stock battery in the box is a 7.2V 700mah nicad. This will allow only a max of two watts output on high power, but has been sufficient on my local repeaters. I did purchase an adapter so I can hook into the cigarette lighter, a power supply, or another battery pack at 12 volts and get the full 5 watts output. Also got a soft case. I would like to have gotten a 12 volt battery pack with the standard package, but I guess that would have raised the price. The larger pack will necessitate using the larger case too. My recommendation, is to buy a 2nd battery pack same size as the first, the DC adapter, regular size case, and just have fun. I hook mine up to a J-pole when in my shack at home. Try Ross Distributors in Preston, ID. \$199 plus shipping if you send them a check.

I like it!

Milt

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Opinions, thoughts, &cetera are my own and not representative of Evans & Sutherland.

"He flies the sky
Like an Eagle in the eye
of a hurricane that's abandoned."

KB7MSF
Amateur Radio
"Sandman"

America

Salt Lake City Utah

work: (801) 582-5847 ext 6530
FAX: 5848
home: (801) 224-1757

Date: Fri, 8 Oct 1993 20:02:51 GMT

From: swrinda!cs.utexas.edu!math.ohio-state.edu!howland.reston.ans.net!torn!

newshost.uwo.ca!uwovax.uwo.ca!ppddgc@network.ucsd.edu
Subject: Gophers and telnet sites?
To: info-hams@ucsd.edu

I have just managed to get access to Telnet and Gopher services here at University of Western Ontario.

Are there any amateur radio sites available for access to ARES, space shuttle, Skywarn and related information?

Any help would be appreciated.

Dave Colvin VE3ZDC
UWO Physical Plant & Capital Planning Services
Systems & Communications Officer
PPDDGC@UWOCC1.UWO.CA

Date: Sat, 9 Oct 1993 00:20:27 GMT
From: sgi!twilight!odin!chuck.dallas.sgi.com!adams@ames.arpa
Subject: I LOVE CW!!!!
To: info-hams@ucsd.edu

In article <CELCA1.FMK@cbnewsm.cb.att.com>, jeffj@cbnewsm.cb.att.com (jeffrey.n.jones) writes:
...sad confession deleted...
.....I LOVE CW!!!! HAHAHAHAHA THEY WILL HAVE TO PRY THE KEY FROM
> MY COLD DEAD FINGERS BEFORE I'LL EVER STOP DOING CW. HAHAHAHAHA
> Thank you. 8-)
>
> Jeff
>
> Trying to get some humor into this newsgroup once again. 8-)
> --
> Jeff Jones AB6MB | OPPOSE THE NORTH AMERICAN FREE TRADE AGREEMENT!
> jeffj@seeker.mystic.com | Canada/USA Free Trade cost Canada 400,000 jobs.
> Infolinc BBS 510-778-5929 | Want to guess how many we'll lose to Mexico?

you are forgiven. let it not happen again. go forth and sin no more.

;-)

have we decided what the heck is going on at 7.050?? still powerful sig there most nights. remember the days of the "woodpecker", OHR (over the horizon radar)????

also, if you happen to tune down to 7.005 or so, you'll probably hear

a pileup. seems like a rare country has been activated, but you knew that.
oh, this is on all the bands, when they're open.

that's the good news. bad news (for some) it's CW only. you want to make
the honor roll, then get out the key, keyer, or whatever. practice sending
your call and then wait. know your call when it's sent at 20 to 25 wpm.
then practice sending

599 TU ES GL

then E E for the "two bits" which was used to terminate "shave and a hair
cut" when it was sent by ops in the know.

ok you're don't have an extra class license. no problem. wait until late
next week or week after. maybe George will move up or start listening up
from the low end.

and they say the bands are crowded..... and cw is difficult. :-)

73 es gl es dx de k5fo dit dit
CP-60

Date: Fri, 8 Oct 93 17:48:31 GMT
From: ncrqw2.ncr.com!ncrhub2!torynews!kevin@uunet.uu.net
Subject: Motorola ad in QST?
To: info-hams@ucsd.edu

In article <vr6z05g@dixie.com> jgd@dixie.com (John De Armond) writes:

>
>Bruce seems to be a real cheerleader for Motorola. After you read the
>following, you will understand why. Motorola has instituted one of the
>most heinous personal privacy invasion programs I've ever seen. Anyone
>who would continue to work for the company in the face of this must
>be incapable of independent thought. When you read this, keep a copy of
>Orwell's "1984" at hand. The parallels are frightening.
>

>Watch out for the non-sequitors.
^^

[Long long long _long_ irrelevant post deleted]

John, I've seen your posts here on the net for a long time but this one
is really one for the record books. The whole idea of posting it is a
non-sequitor! What are you trying to make us believe, that anyone currently
working for Motorola is mindless therefore their opinions are to be ignored?

As much as I dislike Motorola's policy as presented in your post, there are no doubt many people at Motorola who also dislike that policy. Just because you dislike a policy at your company does not compell you to leave the company; if that were true nobody would keep their job longer than a year.

If you're such a prima donna that you can whine about a policy and get it changed by threatening to leave if it isn't, you are in the minority. Most of us don't have that luxury, especially those of us working for large companies.

The real world is very different from the one in which you seem to be living, John.

--

```

[] [] [][] [][] Kevin Sanders, KN6FQ NCR Torrey Pines
[] [] [] [] [] kevin.sanders@torreypinesca.ncr.com (619) 597-3602
[] [] [][] [][] kevin%beacons@cyber.net
[] [] [] [] []
[] [] [] [] [][] Dump MS-DOS. Prevent Programmer Burnout with Linux.
```

Date: 8 Oct 93 13:29:38 GMT
From: dds1!indep1!clifto@uunet.uu.net
Subject: New Products Announcement: BFH-1 & BFH-2
To: info-hams@ucsd.edu

In article <750002619snx@skyld.tele.com> jangus@skyld.tele.com (Jeffrey D. Angus) writes:

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:In article <2524@indep1.UUCP> clifto@indep1.UUCP writes:
: > I always get a kick out of explaining it. I look the questioner
: > in the eye and say "BFH means 'big hammer'." They stare blankly for
: > a second, then smile broadly... usually.
:
: And if they need instruction on how to use that BFH, they can RTFM.
```

I react to that one the same way... "Read The Manual" and grin. The reactions are priceless! Try it.

Too bad there's no way to apply that to FUBAR...

--

```
+-----+
|  Cliff Sharp  |      clifto@indep1.chi.il.us  OR  clifto@indep1.uucp  |
|    WA9PDM    |                        Use whichever one works      |
+-----+
```

Date: 9 Oct 93 04:13:19 GMT

From: ogicse!uwm.edu!vixen.cso.uiuc.edu!newsrelay.iastate.edu!
hobbes.physics.uiowa.edu!news.uiowa.edu!news@network.ucsd.edu
Subject: re: MOTOROLA
To: info-hams@ucsd.edu

Date: Fri, 08 Oct 1993 09:02:06 -0700
From: orca.es.com!cnn.sim.es.com!msanders.sim.es.com!user@uunet.uu.net
Subject: RS SWR meters?
To: info-hams@ucsd.edu

In article <1993Oct6.151339.6614@news.uiowa.edu>, drenze@icaen.uiowa.edu
(Douglas J Renze) wrote:

> Radio Shack SWR meters

I borrowed one, then bought one at a swap meet, then just last night got my
MFJ 949E antenna tuner. They have all been giving me approximately the
same SWR readings. The first one was rated to 30 watts, second one to 300
watts, and MFJ is 300 watts. Of course borrowing is cheapest, \$2 at swap
meet was not a bad investment, and the MFJ was \$140 but has tuning
features, etc. If what you need is a simple SWR checker and don't plan to
get a tuner in the near future, the Radio Shack will do the job.
Frequencies from 3 to 30 Mhz. Not accurate with 2M radios, but will still
give relative indications. I'm not sure which part numbers you are
referring to, but mine was the \$19.95 variety.

=====

Opinions, thoughts, &cetera are my own and not representative of Evans &
Sutherland.

"He flies the sky
Like an Eagle in the eye
of a hurricane that's abandoned."

KB7MSF
Amateur Radio
"Sandman"

America

Salt Lake City Utah

work: (801) 582-5847 ext 6530
FAX: 5848
home: (801) 224-1757

Date: 8 Oct 93 19:10:47 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: Selling License Info
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, bodoh@dggs.cr.usgs.gov (Tom Bodoh) writes:

>From the discussions here, I half expected the catalogs/etc to hit
>my mailbox within two weeks of receiving my license. I am actually a
>little disappointed. What really surprises me is that I haven't gotten
>a memberscription (!) offer from the ARRL.

Congratulations on your license, Tom.

I am not surprised. Even our Circulations Department won't have your
name and address until we get our monthly update from the FCC data
tapes.

If you want a membership application, though, send email to
djahnke@arrl.org and ask for membership information.

73 from ARRL HQ, Ed

Ed Hare, KA1CV
American Radio Relay League
225 Main St.
Newington, CT 06111
(203) 666-1541 - voice
ARRL Laboratory Supervisor
RFI, xmtr and rcvr testing

ehare@arrl.org

The opinions expressed in electronic
communication do not necessarily represent
ARRL policy, but I can probably get in
trouble for them anyway.

Date: 8 Oct 93 20:11:39 GMT
From: psinntp!arrl.org@uunet.uu.net
Subject: Selling License Info
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, bodoh@dggs.cr.usgs.gov (Tom Bodoh) writes:

[stuff deleted]

>I have had my license for one month now and have not received one piece of
>mail that could conceivably have come from lists sold by the ARRL or the
>FCC. From the discussions here, I half expected the catalogs/etc to hit
>my mailbox within two weeks of receiving my license. I'm actually a
>little disappointed. What really surprises me is that I haven't gotten
>a memberscription (!) offer from the ARRL.

Why, Tom, I'm SURE we can rectify that minor oversight! 8-)

Congratulations and welcome to the world of Amateur Radio.

CUL es 73 de BB

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=====
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs
QST Features Editor     I Fax      203-665-7531          I  do it with high
ARRL HQ                 I Internet bbattles@arrl.org      I      frequency"
Newington, CT USA       I Amprnet  ws1o@ws1o.ampr.org [44.88.0.87]
=====

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COMMENTS EXPRESSED HEREIN ARE MY OWN PERSONAL REMARKS AND ARE NOT TO BE
CONSIDERED OFFICIAL ARRL VIEWS OR POLICY..

Date: 8 Oct 93 12:40:31 EDT
From: psinntp!arrl.org@uunet.uu.net
Subject: Silly boy!
To: info-hams@ucsd.edu

In rec.radio.amateur.misc, oo7@emx.cc.utexas.edu (Derek Wills) writes:
>shearer@esvx12.es.dupont.com falls victim:

>>> BULLETIN
>
>>> !!! THERE IS A NEW GANG INITIATION!!!

>Ignore it. Or go and read alt.folklore.urban, where this is a
>favorite topic, along with the Mexican Pet, the Toothbrushes up
>the Nether Regions (this is a family group), and Craig Shergold.
>
>However, I have heard that if you send Morse code on your car horn,
>the gang members of the Society for the Prompt Abolition of Morris
>(SPAM) will come and break your fingers. True--this has already
>happened to a friend of a coworker's uncle's dentist in N Dakota.

Actually, this is precisely the sort of thing that belongs on the
packet radio network, addressed, naturally, to "ALL@WW" with the
subject "READ THIS."

CUL es 73 de BB

```

=====
Brian Battles, WS10      I Tel      203-666-1541, ext 222 I  "Radio amateurs

```


Date: Sat, 9 Oct 1993 05:52:21 GMT
From: news.Hawaii.Edu!uhunix3.uhcc.Hawaii.Edu!jherman@ames.arpa
To: info-hams@ucsd.edu

References <1993Oct5.151123.16722@ke4zv.atl.ga.us>,
<CEfyBp.30y@cbnewsm.cb.att.com>, <1993Oct6.160449.14770@rsg1.er.usgs.gov>~p
Subject : Re: Codeless Tech Debate

In article <1993Oct6.160449.14770@rsg1.er.usgs.gov> bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

>In article <CEfyBp.30y@cbnewsm.cb.att.com>, jeffj@cbnewsm.cb.att.com
(jeffrey.n.jones) writes:

>|>...

>|> very little money and have a great time with CW at 1 watt. It's a major
>|> part of ham radio and no matter how much the the anti-CW types wish
>|> this wasn't true that's the way it is. 73!

>|>

>|> Jeff

>

>You state that as fact, but it is only an opinion. The facts are;

>

> It has been an integral part of Ham radio since it's inception.

> It's popularity is waning.

> Other services (maritime, etc) are dropping it.

> Other countries are dropping it.

I didn't know the maritime folks used CW at 1 watt. And you say they're dropping it to less than 1 watt? Other countries are dropping the 1 watt, too? Looks like everyone will be running QRPP! (Note: QRPP means < 1W)

Now, you say that CW's popularity is waning; someone on here did an informal survey a couple of months ago asking everyone to email him stating what percentage of time we spend on each mode. The result: CW was about as popular as VHF-FM. So I believe, Tom, you state this as fact but it is really only your opinion.

Jeff NH6IL (as a young pup: WA6QIJ)

Date: (null)

From: (null)

It is your software. You bought it you can do what ever you want with it. If the license agreement with DEC says that you are not allowed to modify the OS to increase the number of users then doing so will be illegal.

I assume that when you bought the IBM software you bought a 1 year site license so after a year it is illegal to use the software regardless of the

modifications you made.

When you buy a Motorola radio
are you buying the radio not a license to use a number of the radio's features.

> Nobody is going to write new Motorola radio software from scratch. There
> is no way that they would make enough money from it to recoup their
> Engineering investment. As for doing it as a home project --Find a team of
> 100 software engineers who want to spend their personal time behind a work
> station for a year. I won't be volunteering for that assignment.

>

Motorola did not pay millions of dollars to write the software. They went to
the local Radio shack and they bought a DPS and a D/A chips. then they
took the chips and put them in the radio. Then they bought a book from the
local bookstore about signal processing algorithms, and they implemented
these algorithms.

They hired 2 engineers, probably EE grad students, and they pay them
\$4.65/hour to write the code. It took these 2 people a few months to do
the work.

In any case you do not need 100 people working for a year to implement the
features people will pay lots of money to get.

> Motorola doesn't have a problem with business radio equipment being used in
> the ham bands or with hardware field modifications to the equipment. The
> problem is people hacking software to turn on features which Motorola paid
> to write, but that the customer hasn't paid to use.

If Motorola includes in the radio a piece of paper that says, "by opening this
package you agree not to modify this radio in any way" then it will be illegal
to do so. If Motorola does not include it then it is very legal, or it should
be, to modify the radio.

> I have seen cases
> where the software interactions from having several features turned on that
> were never designed to be used together caused equipment or system
> problems. Not to mention that changing codeplug bits in a radio is a good
> way to wind up with a radio that will only power up and display the error
> "FAIL 01/82" (corrupt radio EEPROM).

> --

> John Gilbert johng@ecs.comm.mot.com Motorola SmartZone Trunked
> Systems

Most equipment I used include labels of the form, "if you break this shield
the warrant is voided." Motorola can include a label that says "if any

modifications are done on the radio the warrantte is voided."

In the old days of single sided floppy disks, people used to cut a hole on the side of the disk to use it as a double sided disk. I have heard of computer companies buying 25 Mhz CPUs and using them as 33 Mhz.
People modify car engines all the time to make them more powerfull.

And of course we must not forget that if it was not for people who reversed engineered Intel CPUs a 8088 PC compatible would still cost \$3000 and a math coprocessor would still cost \$900 instead of \$89.

If Motorola wants people not to use it's equipment then it can do what INTEL does with its CPUs. Deactivate some of the hardware features of the device.

Then Motorola will be able to make lots of money by selling the equivalent of an intel overdrive CPU to its customers and be hated like INTEL is. If I must only change the EEPROM to get more features out of the radio, then I have every right to do so and tell all my friends how to do it. I even have the right to sell a kit to people to do it.
The last time I asked it was still legal to buy EEPROM chips and programmers.

I think it is called the free enterprise system.
Wellcome to the real world.

Napoleon

End of Info-Hams Digest V93 #1198
